III. *Part of a Letter from* Thomas Forſter, *Eſq;* F. R. S. *to Mr.* Machin, *Prof. Aſtron. Greſham, Secr. R. S. concerning a new Iſland lately raiſed out of the Sea near* Tercera.

London, *May* 12. 1722.

I Here ſend you a Draught of the ſeveral Bearings, and the Captain's Account of an Iſland lately broke out of the Sea, bearing S. E. from *Tercera*, Diſtance 17 Leagues.

John Robinſon, being Maſter of a ſmall Pink-Snow, called the *Richard and Elizabeth* from *Piſcataqua* in *New-England*, arrived at *Tercera*, *Decemb.* 10. 1720. near which Iſland he ſaw a Fire break out of the Sea. The Governor hired him to go with the ſaid Veſſel to view it, and ſent on Board ſixteen Sailors, and two Prieſts. On *Sunday*, the 18th of *Decemb.* we got under Sail at 12 o'Clock at Night, and ſtood from *Angras*, S. E. The next Day at two o'Clock in the Afternoon, we made an Iſland all Fire and Smoak: we continued our Courſe till the Aſhes fell on our Deck like Hail or Snow all Night. We bore from it, the Fire and Smoak roared like Thunder, or great Guns. At Break of Day we ſtood towards it again: at 12 o'Clock we had a good Obſervation, two Leagues South from it. We ſail'd round it, and ſo near, that the Fire and Matter it threw out, had like to have done us Damage: In which Conſternation we all betook our ſelves to Prayers, being in danger of driving a-ſhoar: then a ſmall Gale, at S. E. ſprung up, and carried us clear to our great Joy. The Breeze was ac-

companied with a ſmall Shower of Rain, which caus'd a great Duſt to fall on our Deck; with the ſaid Breeze we ſtood away for *Tercera*. The Governor inform'd us that the Fire broke out the 20th of *Nov.* 1720. in the Night, and that the prodigious Noiſe it made, caus'd an Earthquake, which ſhattered down many Houſes in the Town of *Angra*, and Places adjacent, to the great Terror of the Inhabitants. We took ſeveral Draughts of the Iſland at ſeveral Bearings in our ſailing round, of which the incloſed is a Copy. Prodigious Quantities of Pumice-Stones and half-broil'd Fiſh were found floating on the Sea, for many Leagues round the Iſland, and abundance of Sea-Birds hovering about it. So far the Captain.

An Acquaintance of mine informed me, that in his Paſſage from *Cadiz* to *London* (the latter end of *April* was 12 Months) he obſerved the Sea from Cape *Finiſter*, almoſt to the Chops of the Channel, to be covered with Pumice-Stones, ſome of which he gave me.

IV. *A Letter from Mr.* Ralph Thoresby, *F. R. S. to Sir* Hans Sloane, *Bart. Preſident of the College of Phyſicians, and Vice-Preſ. R. S. concerning the Effects of a violent Shower of Rain in* Yorkſhire.

THE Effects of a violent Shower of Rain at *Riponden*, near *Halifax*, were ſo ſurprizing, that I wrote to a Gentleman in thoſe Parts for an Account that might be depended upon; and particularly deſired to know, whether there was not an Eruption of

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Fig. 1.

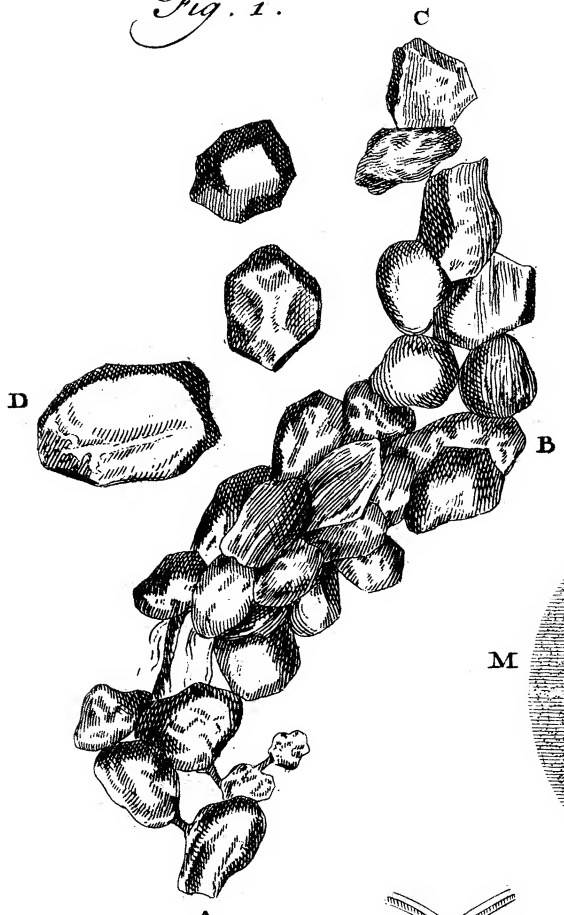
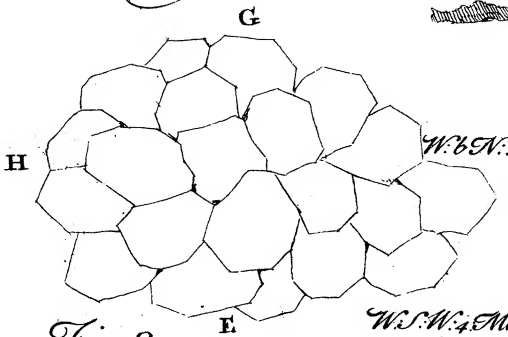


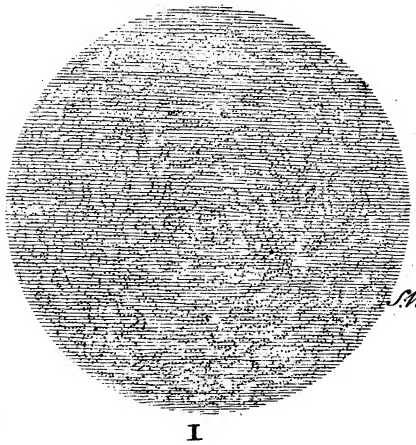
Fig. 2.



W. b N. Dis. ½ Miles.

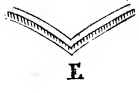
W. S. W. 4 Miles.

Fig. 3.

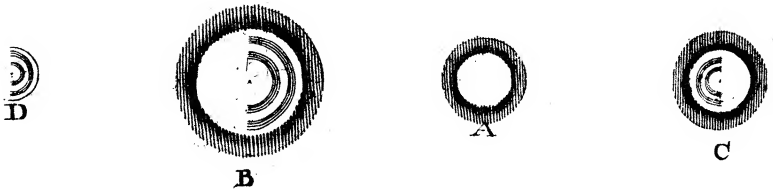


W. Dis. 2 Miles.

S. W. Dis. 3 Miles.



S. Dis. 2 Miles.



This Island is
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2.

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Observation its Latitude is 38.29.
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r it in Sailing Round is Expre.d
In The Draughts above

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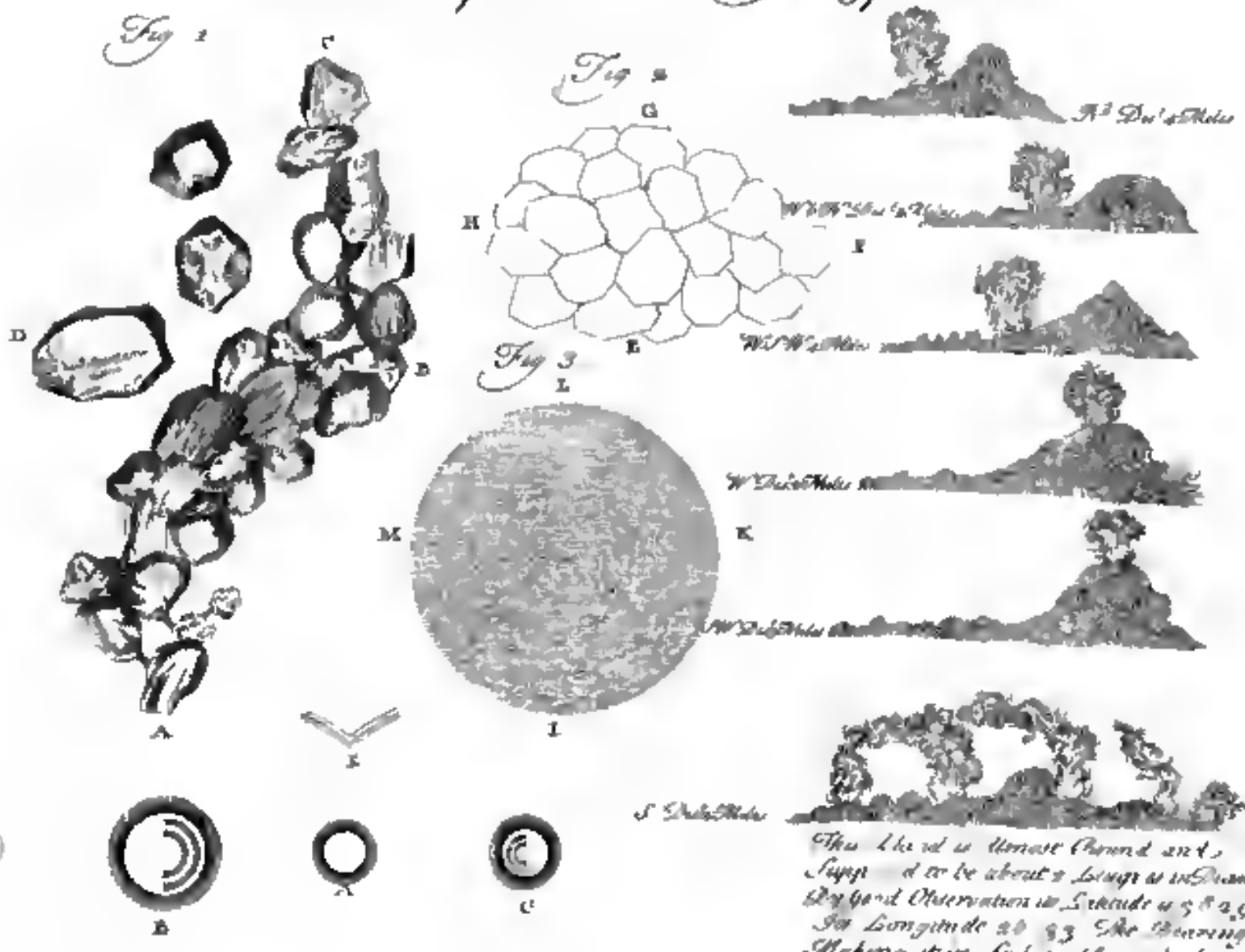

The Island is almost Round and Supposed to be about 2 Leagues in Diameter By good Observation in Latitude is 5° 29' South Longitude 20° 33' The Beginning Making it in Sailing Almost Westerne In The Draught Here